



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BUDA Prior Examiner: Versteeg, S.  
Parent Serial No.: 10/121,445 Prior Group Art Unit: 1753  
Continuation Filed: January 30, 2004 Docket No.: SQRD.002C1  
Title: ARC DETECTION APPROACH



CERTIFICATE UNDER 37 CFR 1.10:

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I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By: Jennifer Larson  
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CONTINUATION APPLICATION UNDER 37 C.F.R. § 1.53(b)

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a continuation application under 37 CFR § 1.53(b) of prior pending patent application Serial No. 10/121,445, filed on April 12, 2002, and entitled "APPARATUS AND METHOD FOR ARC DETECTION" for which the inventorship is identified on the attached Declaration under 37 C.F.R. § 1.63. We are transmitting herewith the following:

1. ☒ A continuation application, with a new specification claiming priority to the prior application. The new application is as follows: 47 pages including 1 page abstract, 15 claims therein; 12 sheets of formal drawings having Figures 1-12; and an executed Declaration (2pgs.).
2. ☒ One return postcard.
3. ☒ Please charge Deposit Account Number 50-0996 (SQRD.002C1) the amount of \$770.00 for payment of the filing fee.
4. ☒ The Commissioner is hereby authorized to charge necessary, additional fees as set forth in 37 CFR §§ 1.16 to 1.18 which may be required by this paper or to credit any overpayment to Deposit Account No. 50-0996 (SQRD.002C1).
5. ☒ The new specification has been amended to include before the first line the sentence:  
"This is a continuation of U.S. Patent Application Serial No. 10/121,445, filed on April 12, 2002 (SQRD.002PA), and entitled "APPARATUS AND METHOD FOR ARC DETECTION"; priority to which is claimed under 35 U.S.C. § 120 for common subject matter, and which is fully incorporated herein by reference."
6. ☒ Priority of U.S. Patent Application Serial No. 10/121,445, filed on April 12, 2002 (SQRD.002PA) is hereby claimed under 35 U.S.C. §120.

7. ☒ The Power of Attorney in the prior application is to:  
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8. ☒ Direct all correspondence to:  
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Basic Filing Fee = \$770.00

Fee for total number of claims in excess of 20 =  $\$18 * (15-20) = \$0$

Fee for total number of independent claims in excess of 3 =  $\$86 * (2-3) = \$0$

Total filing fee due = \$770.00

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